

## SHELBY COUNTY: Key Data Points

- The county has a slightly lower total birth rate than does the state, 13.3 versus 14.0 respectively.
- A significantly higher percentage of mothers in Shelby county are smoking during pregnancy, compared to the state of Indiana overall, 23.5% versus 18.5% respectively
- Shelby county witnessed 11 accidental deaths (6 of which were motor vehicle accidents), and 4 suicidal deaths

**Note:** All figures relate to 2004 data from the Indiana State Department of Health, unless otherwise specified

**Figure 1: Births**

	Total		White		Black		Other	
	Number	Crude Rate*	Number	Crude Rate*	Number	Crude Rate*	Number	Crude Rate*
<b>Shelby County</b>	582	13.3	570	13.4	4	9.8(U)	8	10.8(U)
<b>INDIANA</b>	87,125	14.0	75,680	13.7	9,582	17.5	1,863	11.7

\* births per 1,000 population; U = unstable rate, based on fewer than 20 births

**Figure 2: Infant Mortality**

		NUMBER				RATE*		
COUNTY OF RESIDENCE	REPORTED RACE/ ETHNICITY	Live Births	Infant Deaths (< 1 yr)	Neonatal Deaths (< 28 days)	Post Neonatal Deaths (28-364 days)	Infant Deaths (< 1 yr)	Neonatal Deaths (< 28 days)	Post Neonatal Deaths (28-364 days)
<b>SHELBY</b>	All Races	582	7	4	3	**	**	**
	White	570	7	4	3	**	**	**
	Black	4	0	0	0	0.0	0.0	0.0
	Other	8	0	0	0	0.0	0.0	0.0
	Hispanic	37	2	1	1	**	**	**
<b>INDIANA</b>	All Races	87,125	702	472	230	8.1	5.4	2.6
	White	75,680	522	354	168	6.9	4.7	2.2
	Black	9,582	164	105	59	17.1	11.0	6.2
	Other	1,863	16	13	3	**	**	**
	Hispanic	7,237	65	50	15	9.0	6.9	**

\*rate per 1,000 live births \*\*Numerator is less than 20 and the rate is unstable

**Figure 3: Outcome Indicators of Mother, by Race**

		Birth Weight				During Pregnancy		
SHELBY COUNTY	Total Births	% Low (< 2500 grams)	% Very Low (< 1500 grams)	% Preterm †	% PNC 1st Trimester ‡	% Alcohol	% Smoked	% Unmarried Parents
All Races	537	6.5	1.3	9.5	84.5	1.1	23.5	38
White	524	6.3	1.3	9.4	84.7	1	23.7	38.4
Black	8	**	**	**	**	**	**	**

		Birth Weight				During Pregnancy		
INDIANA	Total Births	% Low (< 2500 grams)	% Very Low (< 1500 grams)	% Preterm †	% PNC 1st Trimester ‡	% Alcohol	% Smoked	% Unmarried Parents
All Races	86,382	7.9	1.4	9.9	80.6	0.6	18.5	37.1
White	75,422	7.2	1.2	9.5	82.1	0.6	19.1	32.6
Black	9,288	13.3	3.3	13.3	68.2	1.1	15.2	76.3

† Preterm: less than 37 weeks gestation

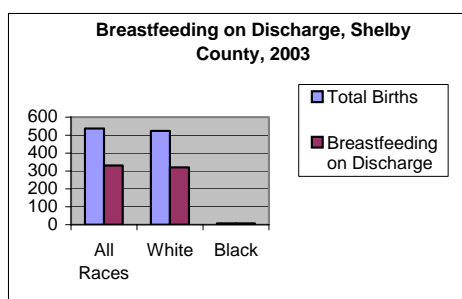
‡ PNC: Prenatal Care

'S' Significantly different than the state percent

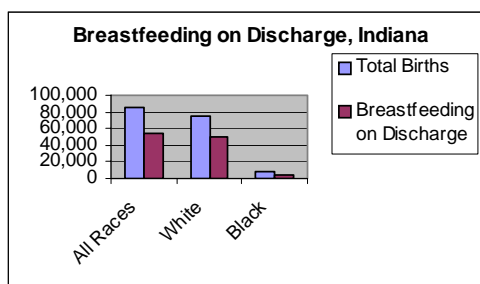
\*\*\* Outcomes for this county are suppressed due to 20 or fewer total births

**Figure 4: Breastfeeding**

SHELBY COUNTY	All Races	White	Black
Total Births	537	524	8
Breastfeeding on Discharge	330	320	7
% Breastfeeding on Discharge	61.5	61.1	87.5



INDIANA	All Races	White	Black
Total Births	87,125	75,680	9,582
Breastfeeding on Discharge	55,556	49,825	4,269
% Breastfeeding on Discharge	63.8	65.8	44.6



**Figure 5: HIV/AIDS**

	<b>Total # of AIDS cases reported since 1982*</b>	<b>Total # of HIV cases reported since 1985*</b>
<b>SHELBY COUNTY</b>	32	6
<b>INDIANA</b>	7,989	3,945

\*numbers current through June 2006

**Figure 6: Nutritional Risk Factors by Status,  
Indiana WIC Clinics, Quarter Ending 09/30/2004**

Local Agency: Human Services, Inc. Counties Included: Shelby, Brown							
<b>Risk Factor or Status</b>	<b>Children 1-5 years of Age</b>					<b>Total</b>	<b>% within Agency</b>
	White	Black	Hispanic	Asian	Other		
Overweight	23	0	4	0	1	28	6.3%
At Risk for becoming Overweight	32	0	3	0	2	37	8.4%
Local Agency: State Wide Counties Included: All							
<b>Risk Factor or Status</b>	<b>Children 1-5 years of Age</b>					<b>Total</b>	<b>% within Agency</b>
	White	Black	Hispanic	Asian	Other		
Overweight	1,732	445	800	12	97	3,086	4.8%
At Risk for becoming Overweight	2,023	485	639	11	124	3,282	5.1%

Priority Benchmarks (Shelby & Indiana)			
Demographics: Percentage of population enrolled in Medicaid, Percentage of population enrolled in Food Stamps.		Shelby	Indiana
1	% of Population enrolled in Medicaid as of June 2003	10.4	12.4
2	% of Population in Food Stamps Program, 2005	6.9	9.0
Priority #1 (pregnancy outcomes): Average Infant Mortality Rate, Average Fetal death Rate		Shelby	Indiana
1	Av Total Infant Death Rate (1995-2004)	8.6	7.9
2	Average Fetal Death Rate (1995-2004)	NS	6.6
Priority #2 (reduce barriers): Health Professional Shortage Areas, Percentage of women with prenatal care in first trimester		Shelby	Indiana
1	Scores for Primary Care Health Professional Shortage Areas (HPSAs) (2005)	No Score	NA
2	% PNC 1st Trimester†, 2004	85.1	79.3
Priority #4 (environmental): Prevalence of asthma, Childhood lead poisoning		Shelby	Indiana
1	Prevalence of Asthma in a Medicaid Cohort of Children age 0-17 years, 2003	8	10.4
2	%Estimated Lead Blood Levels (%EBLL) for Children under 6 years old FY 2005-2006	2.42	2.42
Priority #5 (tobacco): Percentage of mothers who smoked during pregnancy, Percentage of Adult Smoking		Shelby	Indiana
1	% of mothers Smoked During Pregnancy, 2004	22.7	18.0
2	% of Adult Smoking in 2003	30.1	29.3
Priority #7 (adolescent risk behaviors): Adolescent deaths due to motor vehicle accidents, Chlamydia rates (ages 15-24).		Shelby	Indiana
1	Number of Adolescent (15-24) deaths due to Motor vehicle accidents (2002-2004)	5	771
2	Chlamydia rates per 100,000 county specific population (15-24yrs of Age)	1512.16	1602.35
Priority #8 (obesity): Obesity in pregnant women		Shelby	Indiana
1	Number of Obese Pregnant Women In Indiana, 2004	9	2,827
Priority #9 (domestic violence, childhood injury): Child deaths due to Injury, Child abuse and neglect rates		Shelby	Indiana
1	Child deaths due to Injury 1-14yrs (2002-2004)	0	279
2	Child Abuse and Neglect per 1,000 Population under age 18, 2004	19.6	13.5
Priority #10 (To improve racial and ethnic disparities in women of childbearing age, mothers, and children's health outcomes): Percentage of Hispanic Population of any Race, LBW Disparity Ratio		Shelby	Indiana
1	% of Hispanic Population of any Race, 2005	2.3	4.5
2	Low Birth Weight Disparity Ratio (B/W) (1995-2004)	1.68	1.88
<b>Source:</b> Data Analysis Team, ISDH; Health Resources and Service Administration; Indiana Prevention Resource Center; Data analysis team, Office of Medicaid Policy & Planning. Notes: 1. NS= Not Stable 2. NA = Not Available 3. Infant Mortality rate and Fetal Death rate is for 1000 live births. 4. Low Birth Weight: Birth Weight Less than 2,500grams. 5. HPSA Score ranges 1 – 25. The higher the score, the higher the need. 6. EBL: Ten (10) micrograms of lead per deciliter of whole blood for one venous test;			

%EBLL is based on screening rate of 27% Statewide, unduplicated kids 7. Obesity in Pregnant Women determined by "Concurrent Illness Obesity" checkbox on the birth certificate 8. PNC percentages are calculated using total births in each County.